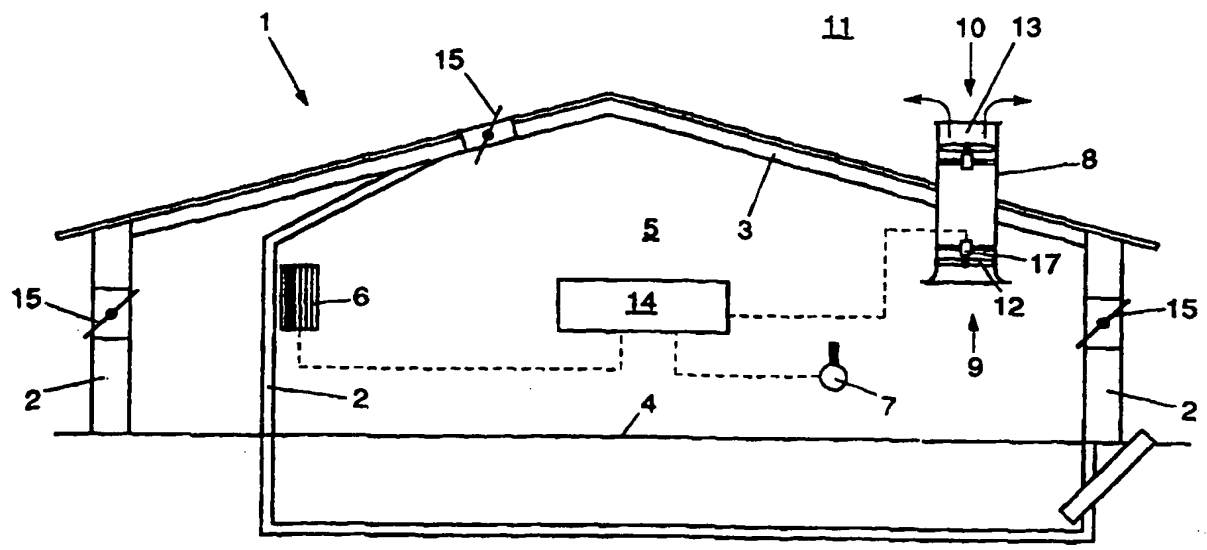


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification <sup>6</sup> : <b>G01F 1/10, 25/00, F24F 11/00</b></p>	<b>A1</b>	<p>(11) International Publication Number: <b>WO 96/10733</b></p> <p>(43) International Publication Date: 11 April 1996 (11.04.96)</p>		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>(21) International Application Number: PCT/NL95/00335</p> <p>(22) International Filing Date: 3 October 1995 (03.10.95)</p> <p>(30) Priority Data: 9401632                      4 October 1994 (04.10.94)                      NL</p> <p>(71) Applicant (for all designated States except US): FANCOM B.V. [NL/NL]; Industrieterrein 34, NL-5981 NK Panningen (NL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): <u>BERCKMANS, Daniel</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>VRANKEN, Erik</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>GOEDSEELS, Victor</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>JANSEN, Gijs</u> [NL/NL]; Korhoender 15, NL-5754 DD Deume (NL).</p> <p>(74) Agent: SMULDERS, Th., A., H., J.; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).</p> </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).</p> <p><b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>In English translation (filed in Dutch).</i></p> </td> </tr> </table>			<p>(21) International Application Number: PCT/NL95/00335</p> <p>(22) International Filing Date: 3 October 1995 (03.10.95)</p> <p>(30) Priority Data: 9401632                      4 October 1994 (04.10.94)                      NL</p> <p>(71) Applicant (for all designated States except US): FANCOM B.V. [NL/NL]; Industrieterrein 34, NL-5981 NK Panningen (NL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): <u>BERCKMANS, Daniel</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>VRANKEN, Erik</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>GOEDSEELS, Victor</u> [BE/BE]; Katholieke Universiteit Leuven, Kardinaal Mercierlaan 92, B-3001 Heverlee (BE). <u>JANSEN, Gijs</u> [NL/NL]; Korhoender 15, NL-5754 DD Deume (NL).</p> <p>(74) Agent: SMULDERS, Th., A., H., J.; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).</p>	<p>(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).</p> <p><b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>In English translation (filed in Dutch).</i></p>
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<p>(54) Title: FLOW SENSOR</p> <div style="text-align: center; margin: 20px 0;">  </div>				
<p>(57) Abstract</p> <p>A flow sensor, in particular suitable for use in air flow measuring, comprising an impeller which is suspended for free rotation in a tube section and which comprises a central core and a number of blades extending from the core, at least one blade extending from the core to adjacent the inner wall of the tube section, measuring means being included for measuring the number of revolutions of the impeller per unit of time, the flow sensor being adapted to register, when a calibration flow rate is passed through the tube, an associated calibration speed of the impeller by means of the measuring means.</p>				